## Claims

1. A pyrazole compound represented by the formula (I):

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$$R^2$$
 $Q$ 
 $R^3$ 
 $N-R^4$ 
(I)

wherein  $R^1$  represents a phenyl group which may be substituted by a group(s) selected from the group consisting of a halogen atom, a  $C_1$ - $C_6$  alkyl group, a halogeno  $C_1$ - $C_6$  alkyl group, a  $C_1$ - $C_6$  alkoxy group, a halogeno  $C_1$ - $C_6$  alkoxy group and a  $C_1$ - $C_6$  alkylthio group,  $R^2$  represents a hydrogen atom, a halogen atom, a  $C_1$ - $C_6$  alkyl group, a  $C_1$ - $C_6$  alkoxy group, a  $C_1$ - $C_6$  alkylsulfinyl group, a  $C_1$ - $C_6$  alkylsulfonyl group or a group:  $-NR^5R^6$ 

wherein  $R^5$  and  $R^6$  may be the same or different from each other, and each represents a hydrogen atom, a  $C_1$ - $C_6$  alkyl group, a halogeno  $C_1$ - $C_6$  alkyl group, a  $C_3$ - $C_7$  cycloalkyl group, a  $C_1$ - $C_6$  alkyl-carbonyl group, a  $C_3$ - $C_7$  cycloalkyl-carbonyl group, a formyl group, a  $C_1$ - $C_6$  alkoxy-carbonyl group or a  $C_1$ - $C_6$  alkylsulfonyl group, or a  $C_7$ - $C_{12}$  aralkyl group or a benzoyl group each of which may be substituted by a group(s) selected from the group consisting of a halogen atom, a  $C_1$ - $C_6$  alkyl group, a halogeno  $C_1$ - $C_6$  alkyl group, a  $C_1$ - $C_6$  alkoxy group and a halogeno  $C_1$ - $C_6$  alkoxy group,

Q represents CH or a nitrogen atom,  $R^3$  represents a hydrogen atom, a  $C_1$ - $C_6$  alkyl group or an amino group,  $R^4$  represents the formula (II):

the formula (III):

the formula (IV):

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or the formula (V):

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alkyl group,  $R^8$  represents a hydrogen atom, a  $C_1$ - $C_6$  alkyl group or a group:  $-NR^{10}R^{11}$  wherein  $R^{10}$  and  $R^{11}$  may be the same or different from each other, and each represents a hydrogen atom, a  $C_1$ - $C_6$  alkyl group, a  $C_1$ - $C_6$  alkyl-carbonyl

group, a formyl group, a  $C_1-C_6$  alkoxy-carbonyl

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 $R^9$  represents a hydrogen atom or a  $C_1$ - $C_6$  alkyl group,  $R^{12}$  represents a hydrogen atom, a  $C_1$ - $C_6$  alkyl group, a halogeno  $C_1$ - $C_6$  alkyl group or a group:  $-NR^{10}R^{11}$ 

group or a  $C_1$ - $C_6$  alkylsulfonyl group,

wherein  $R^{10}$  and  $R^{11}$  may be the same or different from each other, and each represents a hydrogen atom, a  $C_1$ - $C_6$  alkyl group, a  $C_1$ - $C_6$  alkyl-carbonyl group, a formyl group, a  $C_1$ - $C_6$  alkoxy-carbonyl group or a  $C_1$ - $C_6$  alkylsulfonyl group,

or a pharmaceutically acceptable salt thereof.

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2. The pyrazole compound or a pharmaceutically acceptable salt thereof according to Claim 1, wherein the compound is represented by the formula (I):

$$R^2$$
 $R^3$ 
 $N-R^4$ 
(I)

wherein  $R^1$  represents a phenyl group which may be substituted by a group(s) selected from the group consisting of a halogen atom, a  $C_1$ - $C_6$  alkyl group, a halogeno  $C_1$ - $C_6$  alkyl group, a  $C_1$ - $C_6$  alkoxy group, a halogeno  $C_1$ - $C_6$  alkoxy group and a  $C_1$ - $C_6$  alkylthio group,  $R^2$  represents a hydrogen atom, a halogen atom, a  $C_1$ - $C_6$  alkyl group, a  $C_1$ - $C_6$  alkoxy group, a  $C_1$ - $C_6$  alkylsulfinyl group, a  $C_1$ - $C_6$  alkylsulfonyl group or a group:  $-NR^5R^6$ 

wherein  $R^5$  and  $R^6$  may be the same or different from each other, and each represents a hydrogen atom, a  $C_1$ - $C_6$  alkyl group, a halogeno  $C_1$ - $C_6$  alkyl group, a  $C_3$ - $C_7$  cycloalkyl group, a  $C_1$ - $C_6$  alkyl-carbonyl group, a  $C_3$ - $C_7$  cycloalkyl-carbonyl group, a formyl group, a  $C_1$ - $C_6$  alkoxy-carbonyl group or a  $C_1$ - $C_6$  alkylsulfonyl group, or a  $C_7$ - $C_{12}$  aralkyl group or a benzoyl group each of which may be substituted by a group(s) selected from the group consisting of a halogen atom, a  $C_1$ - $C_6$  alkyl group, a halogeno  $C_1$ - $C_6$  alkyl group, a  $C_1$ - $C_6$  alkoxy group and a halogeno  $C_1$ - $C_6$  alkoxy group,

Q represents CH or a nitrogen atom,  $R^3$  represents a hydrogen atom, a  $C_1$ - $C_6$  alkyl group or an amino group,  $R^4$  represents the formula (II):

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wherein  $R^7$  represents a hydrogen atom or a  $C_1-C_6$  alkyl group,  $R^8$  represents a hydrogen atom, a  $C_1-C_6$  alkyl group or a group:  $-NR^{10}R^{11}$ 

wherein  $R^{10}$  and  $R^{11}$  may be the same or different from each other, and each represents a hydrogen atom, a  $C_1$ - $C_6$  alkyl group, a  $C_1$ - $C_6$  alkyl-carbonyl group, a formyl group, a  $C_1$ - $C_6$  alkoxy-carbonyl group or a  $C_1$ - $C_6$  alkylsulfonyl group,

 $R^9$  represents a hydrogen atom or a  $C_1$ - $C_6$  alkyl group.

3. The pyrazole compound or a pharmaceutically acceptable salt thereof according to Claim 2, wherein R<sup>1</sup> represents a phenyl group which may be substituted by 1 to 3 group(s) selected from the group consisting of a halogen atom, a C<sub>1</sub>-C<sub>4</sub> alkyl group, a halogeno C<sub>1</sub>-C<sub>4</sub> alkyl group, a C<sub>1</sub>-C<sub>4</sub> alkoxy group, a halogeno C<sub>1</sub>-C<sub>4</sub> alkoxy group and a C<sub>1</sub>-C<sub>4</sub> alkylthio group,

 $R^2$  represents a hydrogen atom, a halogen atom, a  $C_1$ - $C_4$  alkyl group, a  $C_1$ - $C_4$  alkoxy group, a  $C_1$ - $C_4$  alkylsulfinyl group, a  $C_1$ - $C_4$  alkylsulfonyl group or a group:  $-NR^5R^6$  (wherein  $R^5$  and  $R^6$  may be the same or different from each other, and each represents a hydrogen atom, a  $C_1$ - $C_4$  alkyl group, a halogeno  $C_1$ - $C_4$  alkyl group, a  $C_3$ - $C_6$  cycloalkyl group, a  $C_1$ - $C_4$  alkyl-carbonyl group, a  $C_3$ - $C_6$  cycloalkyl-carbonyl group, a formyl group, a  $C_1$ - $C_4$  alkoxy-carbonyl group or a  $C_1$ - $C_4$  alkylsulfonyl group, or a  $C_7$ - $C_{12}$  aralkyl group or a benzoyl group each of which may be substituted by a group(s) selected from the group

consisting of a halogen atom, a  $C_1-C_4$  alkyl group, a halogeno  $C_1-C_4$  alkyl group, a  $C_1-C_4$  alkoxy group and a halogeno  $C_1-C_4$  alkoxy group.),

 $R^3$  represents a hydrogen atom, a  $C_1-C_4$  alkyl group or an amino group,

R<sup>4</sup> represents the formula (II) wherein  $R^7$  represents a hydrogen atom or a  $C_1$ - $C_4$ alkyl group, R<sup>8</sup> represents a hydrogen atom, a C<sub>1</sub>-C<sub>4</sub> alkyl group, an amino group, a C<sub>1</sub>-C<sub>4</sub> alkylamino group, a  $di(C_1-C_4 \text{ alkyl})$  amino group, a  $C_1-C_4 \text{ alkyl}$ carbonylamino group, a formylamino group, a C<sub>1</sub>-C<sub>4</sub> alkoxy-carbonylamino group or a  $C_1-C_4$  alkylsulfonylamino group, R9 represents a hydrogen atom or a C1-C4 alkyl group.

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4. The pyrazole compound or a pharmaceutically acceptable salt thereof according to Claim 3, wherein R1 represents a phenyl group which may be substituted by 1 to 2 group(s) selected from the group consisting of a halogen atom, a  $C_1$ - $C_4$  alkyl group, a fluoro  $C_1$ - $C_4$  alkyl group, a  $C_1$ - $C_4$  alkoxy group, a fluoro  $C_1-C_4$  alkoxy group and a  $C_1-C_4$  alkylthio group,

R<sup>2</sup> represents a hydrogen atom, a halogen atom, a C<sub>1</sub>-C<sub>4</sub> alkyl group, a C<sub>1</sub>-C<sub>4</sub> alkoxy group, a C<sub>1</sub>-C<sub>4</sub> alkylthio group, a  $C_1-C_4$  alkylsulfinyl group, a  $C_1-C_4$  alkylsulfonyl group, an amino group, a  $C_1-C_4$  alkylamino group, a  $di(C_1-C_4$  alkyl)amino group, a fluoro  $C_1-C_4$  alkylamino group, a  $C_3-C_6$ cycloalkylamino group, a C<sub>1</sub>-C<sub>4</sub> alkyl-carbonylamino group, a C<sub>3</sub>-C<sub>6</sub> cycloalkyl-carbonylamino group, a N-(C<sub>3</sub>-C<sub>6</sub> cycloalkylcarbonyl)-N- $(C_1-C_4 \text{ alkyl})$ amino group, a formylamino group, a  $C_1-C_4$  alkoxy-carbonylamino group, a  $C_1-C_4$  alkylsulfonylamino group, or a benzylamino group, a 1-phenethylamino group or a benzoylamino group the phenyl group portion thereof may be substituted by a group(s) selected from the group consisting of a halogen atom, a  $C_1$ - $C_4$  alkyl group, a fluoro  $C_1-C_4$  alkyl group, a  $C_1-C_4$  alkoxy group and a fluoro

 $C_1-C_4$  alkoxy group,

 ${\ensuremath{\mathsf{R}}}^3$  represents a hydrogen atom, a methyl group or an amino group,

R<sup>4</sup> represents the above-mentioned formula (II) wherein R<sup>7</sup> represents a hydrogen atom, a methyl group or an ethyl group, R<sup>8</sup> represents a hydrogen atom, a methyl group, an ethyl group, an amino group, a methylamino group, a dimethylamino group, an ethylamino group, an isopropylamino group, an acetylamino group, a formylamino group, a methoxycarbonylamino group, an ethoxycarbonylamino group, a methylsulfonylamino group or an ethylsulfonylamino group, R<sup>9</sup> represents a hydrogen atom, a methyl group or an ethyl group.

5. The pyrazole compound or a pharmaceutically acceptable salt thereof according to Claim 4, wherein R¹ represents a phenyl group which may be substituted by 1 to 2 group(s) selected from the group consisting of a fluorine atom, a chlorine atom, a bromine atom, a methyl group, an ethyl group, an isopropyl group, a difluoromethyl group, a trifluoromethyl group, a 2-fluoroethyl group, a 2,2,2-trifluoroethyl group, a methoxy group, an ethoxy group, an isopropoxy group, a fluoromethoxy group, a difluoromethoxy group, a trifluoromethoxy group, a methylthio group,

R<sup>2</sup> represents a hydrogen atom, a fluorine atom, a chlorine atom, a methyl group, a methoxy group, a methyl-thio group, a methylsulfinyl group, a methylsulfonyl group, an amino group, a methylamino group, a dimethylamino group, an ethylamino group, a diethylamino group, a propylamino group, an isopropylamino group, a trifluoromethylamino group, a 2,2,2-trifluoroethylamino group, a cyclopropyl-amino group, a cyclohexylamino group, an acetylamino group, a propionylamino group, a cyclopropylcarbonylamino group, a cyclopentylcarbonylamino group, a N-cyclopropylcarbonyl-N-methylamino group, a formylamino group, a methoxycarbonyl-N-methylamino group, a formylamino group, a methoxycarbonyl-

amino group, an ethoxycarbonylamino group, a t-butoxy-carbonylamino group, a methylsulfonylamino group, an ethylsulfonylamino group, or a benzylamino group, a 1-phenethylamino group or a benzoylamino group the phenyl group portion thereof may be substituted by a group(s) selected from the group consisting of a fluorine atom, a methyl group, a trifluoromethyl group, a methoxy group and a difluoromethoxy group,

 ${\ensuremath{\mathsf{R}}}^3$  represents a hydrogen atom, a methyl group or an 10 amino group,

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R<sup>4</sup> represents the above-mentioned formula (II), wherein R<sup>7</sup> represents a hydrogen atom or a methyl group, R<sup>8</sup> represents a hydrogen atom, a methyl group, an amino group, a methylamino group, a dimethylamino group, an acetylamino group, a formylamino group, a methylsulfonylamino group, R<sup>9</sup> represents a hydrogen atom or a methyl group.

20 6. The pyrazole compound or a pharmaceutically acceptable salt thereof according to Claim 5, wherein R<sup>1</sup> represents a phenyl group which may be substituted by 1 to 2 group(s) selected from the group consisting of a fluorine atom, a chlorine atom, a methyl group, a difluoromethyl group, a trifluoromethyl group, a methoxy group, a fluoromethoxy group, a difluoromethoxy group,

R<sup>2</sup> represents a hydrogen atom, a fluorine atom, a methyl group, a methoxy group, a methylthio group, a methylsulfinyl group, a methylsulfonyl group, an amino group, a methylamino group, a dimethylamino group, an ethylamino group, an isopropylamino group, a 2,2,2-trifluoroethylamino group, a cyclopropylamino group, an acetylamino group, a cyclopropylcarbonylamino group, a cyclopentylcarbonylamino group, a N-cyclopropylcarbonyl-N-methylamino group, a methoxycarbonylamino group, a methyl-

sulfonylamino group, a 4-methoxybenzylamino group, a 1-phenethylamino group or a benzoylamino group,

 ${\ensuremath{\mathsf{R}}}^3$  represents a hydrogen atom, a methyl group or an amino group,

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R<sup>4</sup> represents a 1,6-dihydro-6-oxopyridazin-3-yl group, a 1,6-dihydro-4-methyl-6-oxopyridazin-3-yl group, a 1,6-dihydro-5-methyl-6-oxopyridazin-3-yl group, a 5-amino-1,6-dihydro-6-oxopyridazin-3-yl group, a 1,6-dihydro-5-methylamino-6-oxopyridazin-3-yl group, a 5-dimethylamino-1,6-dihydro-6-oxopyridazin-3-yl group, a 5-acetylamino-1,6-dihydro-6-oxopyridazin-3-yl group, a 1,6-dihydro-5-methoxy-carbonylamino-6-oxopyridazin-3-yl group, a 1,6-dihydro-5-methylsulfonylamino-6-oxopyridazin-3-yl group, a 1,6-dihydro-1-methyl-6-oxopyridazin-3-yl group, a 1-ethyl-1,6-dihydro-6-oxopyridazin-3-yl group, a 1,6-dihydro-1,5-dimethyl-6-oxopyridazin-3-yl group or a 5-amino-1,6-dihydro-1-methyl-6-oxopyridazin-3-yl group.

7. The pyrazole compound or a pharmaceutically acceptable
20 salt thereof according to Claim 6, wherein R¹ represents a
phenyl group, a 2-fluorophenyl group, a 3-fluorophenyl
group, a 4-fluorophenyl group, a 3-chlorophenyl group, a 4chlorophenyl group, a 3,4-difluorophenyl group, a 2,4difluorophenyl group, a 3,4-dichlorophenyl group, a 325 chloro-4-fluorophenyl group, a 4-chloro-3-fluorophenyl
group or a 3-trifluoromethylphenyl group,

R<sup>2</sup> represents a hydrogen atom, a methoxy group, an amino group, a methylamino group, an ethylamino group, an isopropylamino group, a 2,2,2-trifluoroethylamino group, an acetylamino group, a cyclopropylcarbonylamino group, a cyclopentylcarbonylamino group, a methoxycarbonylamino group, a methylsulfonylamino group, a 4-methoxybenzylamino group, a 1-phenethylamino group or a benzoylamino group,

 ${\rm R}^3$  represents a hydrogen atom, a methyl group or an 35 amino group,

R<sup>4</sup> represents a 1,6-dihydro-6-oxopyridazin-3-yl

group, a 1,6-dihydro-4-methyl-6-oxopyridazin-3-yl group, a 1,6-dihydro-5-methyl-6-oxopyridazin-3-yl group, a 5-amino-1,6-dihydro-6-oxopyridazin-3-yl group, a 5-acetylamino-1,6-dihydro-6-oxopyridazin-3-yl group, a 1,6-dihydro-5-methoxy-carbonylamino-6-oxopyridazin-3-yl group, a 1,6-dihydro-5-methylsulfonylamino-6-oxopyridazin-3-yl group, a 1,6-dihydro-1-methyl-6-oxopyridazin-3-yl group or a 5-amino-1,6-dihydro-1-methyl-6-oxopyridazin-3-yl group.

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8. The pyrazole compound or a pharmaceutically acceptable salt thereof according to Claim 7, wherein R¹ represents a phenyl group, a 2-fluorophenyl group, a 3-fluorophenyl group, a 4-fluorophenyl group, a 3-chlorophenyl group, a 4-chlorophenyl group, a 3,4-difluorophenyl group, a 2,4-difluorophenyl group, a 3,4-dichlorophenyl group, a 3-chloro-4-fluorophenyl group, a 4-chloro-3-fluorophenyl group or a 3-trifluoromethylphenyl group,

R<sup>2</sup> represents a hydrogen atom, a methoxy group, an amino group, a methylamino group, an ethylamino group, an isopropylamino group, a 2,2,2-trifluoroethylamino group, an acetylamino group, a cyclopropylcarbonylamino group, a cyclopentylcarbonylamino group, a methoxycarbonylamino group, a methylsulfonylamino group, a 4-methoxybenzylamino group, a 1-phenethylamino group or a benzoylamino group,

R<sup>3</sup> represents a hydrogen atom,

R<sup>4</sup> represents a 1,6-dihydro-6-oxopyridazin-3-yl group, a 1,6-dihydro-4-methyl-6-oxopyridazin-3-yl group, a 1,6-dihydro-5-methyl-6-oxopyridazin-3-yl group, a 5-amino-1,6-dihydro-6-oxopyridazin-3-yl group or a 1,6-dihydro-1-methyl-6-oxopyridazin-3-yl group.

- 9. The pyrazole compound or a pharmaceutically acceptable salt thereof according to Claim 8, wherein the pyrazole compound is
- 35 4-(2-aminopyridin-4-yl)-1-(1,6-dihydro-6-oxopyridazin-3-yl)-3-phenyl-1H-pyrazole,

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3-(4-fluorophenyl)-1-(1,6-dihydro-6-oxopyridazin-3-yl)-4-
    (pyridin-4-yl)-1H-pyrazole,
    1-(5-amino-1,6-dihydro-6-oxopyridazin-3-yl)-3-(4-fluoro-
    phenyl) -4-(pyridin-4-yl)-1H-pyrazole,
    4-(2-aminopyridin-4-yl)-3-(4-fluorophenyl)-1-(1,6-dihydro-
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    6-oxopyridazin-3-yl)-1H-pyrazole,
    3-(4-fluorophenyl)-1-(1,6-dihydro-6-oxopyridazin-3-yl)-4-
    (2-methylaminopyridin-4-yl)-1H-pyrazole,
    4-(2-\text{ethylaminopyridin}-4-y1)-3-(4-\text{fluoropheny1})-1-(1,6-y1)
    dihydro-6-oxopyridazin-3-yl)-1H-pyrazole,
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    3-(4-fluorophenyl)-1-(1,6-dihydro-6-oxopyridazin-3-yl)-4-
    [2-(2,2,2-trifluoroethyl)aminopyridin-4-yl]-1H-pyrazole,
    4-(2-acetylaminopyridin-4-yl)-3-(4-fluorophenyl)-1-(1,6-
    dihydro-6-oxopyridazin-3-yl)-1H-pyrazole,
    3-(4-fluorophenyl)-1-(1,6-dihydro-6-oxopyridazin-3-yl)-4-
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    (2-methoxycarbonylaminopyridin-4-yl)-1H-pyrazole,
    4-(2-aminopyridin-4-yl)-3-(4-fluorophenyl)-1-(1,6-dihydro-
    4-methyl-6-oxopyridazin-3-yl)-1H-pyrazole,
    4-(2-aminopyridin-4-yl)-3-(4-fluorophenyl)-1-(1,6-dihydro-
    5-methyl-6-oxopyridazin-3-yl)-1H-pyrazole,
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    1-(5-amino-1,6-dihydro-6-oxopyridazin-3-yl)-4-(2-amino-
    pyridin-4-yl)-3-(4-fluorophenyl)-1H-pyrazole,
    4-(2-aminopyridin-4-yl)-3-(4-fluorophenyl)-1-(1,6-dihydro-
    1-methyl-6-oxopyridazin-3-yl)-1H-pyrazole,
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    4-(2-aminopyrimidin-4-y1)-3-(4-fluorophenyl)-1-(1,6-
    dihydro-6-oxopyridazin-3-yl)-1H-pyrazole,
    4-(2-aminopyridin-4-yl)-3-(3-fluorophenyl)-1-(1,6-dihydro-
    6-oxopyridazin-3-yl)-1H-pyrazole,
    4-(2-aminopyridin-4-yl)-3-(4-chlorophenyl)-1-(1,6-dihydro-
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    6-oxopyridazin-3-yl)-1H-pyrazole,
    4-(2-aminopyridin-4-yl)-3-(3-chlorophenyl)-1-(1,6-dihydro-
    6-oxopyridazin-3-yl)-1H-pyrazole,
    4-(2-aminopyridin-4-y1)-3-(3,4-difluorophenyl)-1-(1,6-
    dihydro-6-oxopyridazin-3-yl)-1H-pyrazole,
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    4-(2-aminopyridin-4-yl)-3-(3,4-dichlorophenyl)-1-(1,6-
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dihydro-6-oxopyridazin-3-yl)-1H-pyrazole,

4-(2-aminopyridin-4-yl)-1-(1,6-dihydro-6-oxopyridazin-3yl)-3-(3-trifluoromethylphenyl)-1H-pyrazole, 4-(2-aminopyridin-4-yl)-3-(2-fluorophenyl)-1-(1,6-dihydro-6-oxopyridazin-3-yl)-1H-pyrazole, 3-(2-fluorophenyl)-1-(1,6-dihydro-6-oxopyridazin-3-yl)-4-[2-(2,2,2-trifluoroethyl)aminopyridin-4-yl]-1H-pyrazole, 4-(2-acetylaminopyridin-4-yl)-3-(2-fluorophenyl)-1-(1,6dihydro-6-oxopyridazin-3-yl)-1H-pyrazole, 4-(2-aminopyrimidin-4-yl)-3-(2-fluorophenyl)-1-(1,6dihydro-6-oxopyridazin-3-yl)-1H-pyrazole, 10 4-(2-aminopyridin-4-yl)-3-(2,4-difluorophenyl)-1-(1,6dihydro-6-oxopyridazin-3-yl)-1H-pyrazole, 4-(2-cyclopropylcarbonylaminopyridin-4-yl)-3-(4-fluorophenyl)-1-(1,6-dihydro-6-oxopyridazin-3-yl)-1H-pyrazole, 15 4-(2-cyclopropylcarbonylaminopyridin-4-yl)-3-(2-fluorophenyl)-1-(1,6-dihydro-6-oxopyridazin-3-yl)-1H-pyrazole or 3-(4-fluorophenyl)-1-(1,6-dihydro-6-oxopyridazin-3-yl)-4-[2-(4-methoxybenzylamino)pyrimidin-4-yl]-1H-pyrazole.

10. The pyrazole compound or a pharmaceutically acceptable 20 salt thereof according to Claim 1, wherein the compound is represented by the formula (I):

$$R^2$$
 $R^3$ 
 $N-R^4$ 
 $R^3$ 
 $N$ 

wherein R<sup>1</sup> represents a phenyl group which may be substituted by a group(s) selected from the group 25 consisting of a halogen atom, a  $C_1$ - $C_6$  alkyl group, a halogeno  $C_1-C_6$  alkyl group, a  $C_1-C_6$  alkoxy group, a halogeno  $C_1-C_6$  alkoxy group and a  $C_1-C_6$  alkylthio group,  $R^2$  represents a hydrogen atom, a halogen atom, a  $C_1-C_6$ alkyl group, a  $C_1$ - $C_6$  alkoxy group, a  $C_1$ - $C_6$  alkylthio group, a  $C_1$ - $C_6$  alkylsulfinyl group, a  $C_1$ - $C_6$  alkylsulfonyl group or a group: -NR<sup>5</sup>R<sup>6</sup>

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wherein  $R^5$  and  $R^6$  may be the same or different from each other, and each represents a hydrogen atom, a  $C_1$ - $C_6$  alkyl group, a halogeno  $C_1$ - $C_6$  alkyl group, a  $C_3$ - $C_7$  cycloalkyl group, a  $C_1$ - $C_6$  alkyl-carbonyl group, a  $C_3$ - $C_7$  cycloalkyl-carbonyl group, a formyl group, a  $C_1$ - $C_6$  alkoxy-carbonyl group or a  $C_1$ - $C_6$  alkylsulfonyl group, or a  $C_7$ - $C_{12}$  aralkyl group or a benzoyl group each of which may be substituted by a group(s) selected from the group consisting of a halogen atom, a  $C_1$ - $C_6$  alkyl group, a halogeno  $C_1$ - $C_6$  alkyl group, a  $C_1$ - $C_6$  alkoxy group and a halogeno  $C_1$ - $C_6$  alkoxy group,

Q represents CH or a nitrogen atom,  $R^3$  represents a hydrogen atom, a  $C_1$ - $C_6$  alkyl group or an amino group,  $R^4$  represents the formula (III):

wherein  $R^7$  represents a hydrogen atom or a  $C_1$ - $C_6$  alkyl group,  $R^8$  represents a hydrogen atom, a  $C_1$ - $C_6$  alkyl group or a group:  $-NR^{10}R^{11}$ 

wherein  $R^{10}$  and  $R^{11}$  may be the same or different from each other, and each represents a hydrogen atom, a  $C_1$ - $C_6$  alkyl group, a  $C_1$ - $C_6$  alkyl-carbonyl group, a formyl group, a  $C_1$ - $C_6$  alkoxy-carbonyl group or a  $C_1$ - $C_6$  alkylsulfonyl group,

 $R^{12}$  represents a hydrogen atom, a  $C_1$ - $C_6$  alkyl group, a halogeno  $C_1$ - $C_6$  alkyl group or a group:  $-NR^{10}R^{11}$  wherein  $R^{10}$  and  $R^{11}$  may be the same or different from each other, and each represents a hydrogen atom, a  $C_1$ - $C_6$  alkyl group, a  $C_1$ - $C_6$  alkyl-carbonyl group, a formyl group, a  $C_1$ - $C_6$  alkoxy-carbonyl group or a  $C_1$ - $C_6$  alkylsulfonyl group.

11. The pyrazole compound or a pharmaceutically acceptable salt thereof according to Claim 10, wherein  $R^1$  represents a phenyl group which may be substituted by 1 to 3 group(s) selected from the group consisting of a halogen atom, a  $C_1$ - $C_4$  alkyl group, a halogeno  $C_1$ - $C_4$  alkyl group, a  $C_1$ - $C_4$  alkoxy group, a halogeno  $C_1$ - $C_4$  alkoxy group and a  $C_1$ - $C_4$  alkylthio group,

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 $R^2$  represents a hydrogen atom, a halogen atom, a  $C_1$ - $C_4$ alkyl group, a  $C_1-C_4$  alkoxy group, a  $C_1-C_4$  alkylthio group, 10 a  $C_1-C_4$  alkylsulfinyl group, a  $C_1-C_4$  alkylsulfonyl group or a group: -NR<sup>5</sup>R<sup>6</sup> (wherein R<sup>5</sup> and R<sup>6</sup> may be the same or different from each other, and each represents a hydrogen atom, a  $C_1-C_4$  alkyl group, a halogeno  $C_1-C_4$  alkyl group, a  $C_3-C_6$  cycloalkyl group, a  $C_1-C_4$  alkyl-carbonyl group, a  $C_3-C_6$ 15 cycloalkyl-carbonyl group, a formyl group, a C<sub>1</sub>-C<sub>4</sub> alkoxycarbonyl group or a  $C_1$ - $C_4$  alkylsulfonyl group, or a  $C_7$ - $C_{12}$ aralkyl group or a benzoyl group each of which may be substituted by a group(s) selected from the group consist-20 ing of a halogen atom, a  $C_1-C_4$  alkyl group, a halogeno  $C_1-C_4$ alkyl group, a  $C_1$ - $C_4$  alkoxy group and a halogeno  $C_1$ - $C_4$ alkoxy group.),

 $\mbox{\ensuremath{R}^3}$  represents a hydrogen atom, a  $\mbox{\ensuremath{C_1-C_4}}$  alkyl group or an amino group,

25 R<sup>4</sup> represents the formula (III)
wherein R<sup>7</sup> represents a hydrogen atom or a C<sub>1</sub>-C<sub>4</sub>
alkyl group, R<sup>8</sup> represents a hydrogen atom, a C<sub>1</sub>-C<sub>4</sub>
alkyl group, an amino group, a C<sub>1</sub>-C<sub>4</sub> alkylamino
group, a di(C<sub>1</sub>-C<sub>4</sub> alkyl)amino group, a C<sub>1</sub>-C<sub>4</sub> alkylcarbonylamino group, a formylamino group, a C<sub>1</sub>-C<sub>4</sub>
alkoxy-carbonylamino group or a C<sub>1</sub>-C<sub>4</sub> alkylsulfonylamino group, R<sup>12</sup> represents a hydrogen atom, a C<sub>1</sub>-C<sub>4</sub>
alkyl group, a fluoro C<sub>1</sub>-C<sub>4</sub> alkyl group, an amino
group, a C<sub>1</sub>-C<sub>4</sub> alkylamino group, a di(C<sub>1</sub>-C<sub>4</sub> alkyl)amino group, a C<sub>1</sub>-C<sub>4</sub> alkyl-carbonylamino group, a
formylamino group, a C<sub>1</sub>-C<sub>4</sub> alkoxy-carbonylamino group

or a C<sub>1</sub>-C<sub>4</sub> alkylsulfonylamino group.

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12. The pyrazole compound or a pharmaceutically acceptable salt thereof according to Claim 11, wherein R1 represents a phenyl group which may be substituted by 1 to 2 group(s) selected from the group consisting of a halogen atom, a  $C_1$ - $C_4$  alkyl group, a fluoro  $C_1$ - $C_4$  alkyl group, a  $C_1$ - $C_4$  alkoxy group, a fluoro  $C_1-C_4$  alkoxy group and a  $C_1-C_4$  alkylthio group,

R<sup>2</sup> represents a hydrogen atom, a halogen atom, a C<sub>1</sub>-C<sub>4</sub> alkyl group, a C<sub>1</sub>-C<sub>4</sub> alkoxy group, a C<sub>1</sub>-C<sub>4</sub> alkylthio group, a  $C_1-C_4$  alkylsulfinyl group, a  $C_1-C_4$  alkylsulfonyl group, an amino group, a  $C_1-C_4$  alkylamino group, a  $di(C_1-C_4$  alkyl)amino group, a fluoro C<sub>1</sub>-C<sub>4</sub> alkylamino group, a C<sub>3</sub>-C<sub>6</sub> cycloalkylamino group, a C<sub>1</sub>-C<sub>4</sub> alkyl-carbonylamino group, a C<sub>3</sub>-C<sub>6</sub> 15 cycloalkyl-carbonylamino group, a N-(C3-C6 cycloalkylcarbonyl)  $-N-(C_1-C_4 \text{ alkyl})$  amino group, a formylamino group, a  $C_1-C_4$  alkoxy-carbonylamino group, a  $C_1-C_4$  alkylsulfonylamino group, or a benzylamino group, a 1-phenethylamino 20 group or a benzoylamino group the phenyl group portion thereof may be substituted by a group(s) selected from the group consisting of a halogen atom, a  $C_1-C_4$  alkyl group, a fluoro  $C_1-C_4$  alkyl group, a  $C_1-C_4$  alkoxy group and a fluoro  $C_1-C_4$  alkoxy group,

 ${\ensuremath{\mbox{R}}^3}$  represents a hydrogen atom, a methyl group or an amino group,

> R<sup>4</sup> represents the formula (III) wherein R<sup>7</sup> represents a hydrogen atom, a methyl group or an ethyl group, R<sup>8</sup> represents a hydrogen atom, a methyl group, an ethyl group, an amino group, a methylamino group, a dimethylamino group, an ethylamino group, a diethylamino group, an isopropylamino group, an acetylamino group, a formylamino group, a methoxycarbonylamino group, an ethoxycarbonylamino group, a methylsulfonylamino group or an ethylsulfonylamino group, R12 represents

a hydrogen atom, a methyl group, an ethyl group, a trifluoromethyl group, a 2,2,2-trifluoroethyl group, an amino group, a methylamino group, a dimethylamino group, an ethylamino group, a diethylamino group, an isopropylamino group, an acetylamino group, a formylamino group, a methoxycarbonylamino group, an ethoxycarbonylamino group, a methylsulfonylamino group or an ethylsulfonylamino group.

13. The pyrazole compound or a pharmaceutically acceptable salt thereof according to Claim 12, wherein R¹ represents a phenyl group which may be substituted by 1 to 2 group(s) selected from the group consisting of a fluorine atom, a chlorine atom, a bromine atom, a methyl group, an ethyl group, an isopropyl group, a difluoromethyl group, a trifluoromethyl group, a 2-fluoroethyl group, a 2,2,2-trifluoroethyl group, a methoxy group, an ethoxy group, an isopropoxy group, a fluoromethoxy group, a difluoromethoxy group, a trifluoromethoxy group and a methylthio group,

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R<sup>2</sup> represents a hydrogen atom, a fluorine atom, a chlorine atom, a methyl group, a methoxy group, a methylthio group, a methylsulfinyl group, a methylsulfonyl group, an amino group, a methylamino group, a dimethylamino group, an ethylamino group, a diethylamino group, a propylamino group, an isopropylamino group, a trifluoromethylamino group, a 2,2,2-trifluoroethylamino group, a cyclopropylamino group, a cyclohexylamino group, an acetylamino group, a propionylamino group, a cyclopropylcarbonylamino group, a cyclopentylcarbonylamino group, a N-cyclopropylcarbonyl-Nmethylamino group, a formylamino group, a methoxycarbonylamino group, an ethoxycarbonylamino group, a t-butoxycarbonylamino group, a methylsulfonylamino group, an ethylsulfonylamino group, or a benzylamino group, a 1phenethylamino group or a benzoylamino group the phenyl group portion thereof may be substituted by a group(s) selected from the group consisting of a fluorine atom, a

methyl group, a trifluoromethyl group, a methoxy group and a difluoromethoxy group,

 ${\ensuremath{\mathsf{R}}}^3$  represents a hydrogen atom, a methyl group or an amino group,

R<sup>4</sup> represents the formula (III)

wherein R<sup>7</sup> represents a hydrogen atom or a methyl

group, R<sup>8</sup> represents a hydrogen atom, a methyl

group, an amino group, a methylamino group, a

dimethylamino group, an acetylamino group, a formyl
amino group, a methoxycarbonylamino group or a

methylsulfonylamino group, R<sup>12</sup> represents a hydrogen

atom, a methyl group, a trifluoromethyl group, an

amino group, a methylamino group, a dimethylamino

group, an acetylamino group, a formylamino group, a

methoxycarbonylamino group or a methylsulfonylamino

group.

14. The pyrazole compound or a pharmaceutically acceptable salt thereof according to Claim 13, wherein R<sup>1</sup> represents a phenyl group which may be substituted by 1 to 2 group(s) selected from the group consisting of a fluorine atom, a chlorine atom, a methyl group, a difluoromethyl group, a trifluoromethyl group, a methoxy group, a fluoromethoxy group, a difluoromethoxy group, a difluoromethoxy group,

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R<sup>2</sup> represents a hydrogen atom, a fluorine atom, a methyl group, a methoxy group, a methylthio group, a methylsulfinyl group, a methylsulfonyl group, an amino group, a methylamino group, a dimethylamino group, an ethylamino group, an isopropylamino group, a 2,2,2-tri-fluoroethylamino group, a cyclopropylamino group, an acetylamino group, a cyclopropylcarbonylamino group, a cyclopentylcarbonylamino group, a N-cyclopropylcarbonyl-N-methylamino group, a methoxycarbonylamino group, a methyl-sulfonylamino group, a 4-methoxybenzylamino group, a 1-phenethylamino group or a benzoylamino group,

 ${\ensuremath{\mathsf{R}}}^3$  represents a hydrogen atom, a methyl group or an amino group,

R<sup>4</sup> represents a [1,2,4]triazolo[4,3-b]pyridazin-6-yl group, a 3-methyl-[1,2,4]triazolo[4,3-b]pyridazin-6-yl group, a 3-trifluoromethyl-[1,2,4]triazolo[4,3-b]pyridazin-5 6-yl group, a 3-(2,2,2-trifluoroethyl-[1,2,4]triazolo[4,3b]pyridazin-6-yl group, a 3-amino-[1,2,4]triazolo[4,3-b]pyridazin-6-yl group, a 3-methylamino-[1,2,4]triazolo[4,3b]pyridazin-6-yl group, a 3-dimethylamino-[1,2,4]triazolo-10 [4,3-b]pyridazin-6-yl group, a 3-acetylamino-[1,2,4]triazolo[4,3-b]pyridazin-6-yl group, a 3-methoxycarbonylamino-[1,2,4]triazolo[4,3-b]pyridazin-6-yl group, a 3-methylsulfonylamino-[1,2,4]triazolo[4,3-b]pyridazin-6-yl group, a 7methyl-[1,2,4]triazolo[4,3-b]pyridazin-6-yl group, a 8-15 methyl-[1,2,4]triazolo[4,3-b]pyridazin-6-yl group, a 8amino-[1,2,4]triazolo[4,3-b]pyridazin-6-yl group, a 8methylamino-[1,2,4]triazolo[4,3-b]pyridazin-6-yl group, a 8-dimethylamino-[1,2,4]triazolo[4,3-b]pyridazin-6-yl group, a 8-acetylamino-[1,2,4]triazolo[4,3-b]pyridazin-6-yl group, 20 a 8-methoxycarbonylamino-[1,2,4]triazolo[4,3-b]pyridazin-6yl group, a 8-methylsulfonylamino-[1,2,4]triazolo[4,3-b]pyridazin-6-yl group, a 3,8-dimethyl-[1,2,4]triazolo[4,3b]pyridazin-6-yl group, a 7,8-dimethyl-[1,2,4]triazolo[4,3b]pyridazin-6-yl group, a 3-amino-8-methyl-[1,2,4]triazolo-25 [4,3-b]pyridazin-6-yl group or a 8-amino-3-methyl-[1,2,4]triazolo[4,3-b]pyridazin-6-yl group.

15. The pyrazole compound or a pharmaceutically acceptable salt thereof according to Claim 14, wherein R¹ represents a phenyl group, a 2-fluorophenyl group, a 3-fluorophenyl group, a 4-fluorophenyl group, a 3-chlorophenyl group, a 4-chlorophenyl group, a 3,4-difluorophenyl group, a 2,4-difluorophenyl group, a 3-chloro-4-fluorophenyl group, a 4-chloro-3-fluorophenyl group or a 3-trifluoromethylphenyl group,

 ${\ensuremath{\mathsf{R}}}^2$  represents a hydrogen atom, a methoxy group, an

amino group, a methylamino group, an ethylamino group, an isopropylamino group, a 2,2,2-trifluoroethylamino group, an acetylamino group, a cyclopropylcarbonylamino group, a cyclopentylcarbonylamino group, a methoxycarbonylamino group, a methylsulfonylamino group, a 4-methoxybenzylamino group, a 1-phenethylamino group or a benzoylamino group,

 ${\ensuremath{\mathsf{R}}}^3$  represents a hydrogen atom, a methyl group or an amino group,

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R<sup>4</sup> represents a [1,2,4]triazolo[4,3-b]pyridazin-6-yl group, a 3-methyl-[1,2,4]triazolo[4,3-b]pyridazin-6-yl group, a 3-trifluoromethyl-[1,2,4]triazolo[4,3-b]pyridazin-6-yl group, a 3-amino-[1,2,4]triazolo[4,3-b]pyridazin-6-yl group, a 3-methylamino-[1,2,4]triazolo[4,3-b]pyridazin-6-yl group, a 3-acetylamino-[1,2,4]triazolo[4,3-b]pyridazin-6-yl group, a 3-methoxycarbonylamino-[1,2,4]triazolo[4,3-b]-pyridazin-6-yl group, a 3-methylsulfonylamino-[1,2,4]triazolo[4,3-b]-pyridazin-6-yl group, a 7-methyl-[1,2,4]triazolo[4,3-b]pyridazin-6-yl group, a 8-methyl-[1,2,4]triazolo[4,3-b]pyridazin-6-yl group or a 8-amino-[1,2,4]triazolo[4,3-b]pyridazin-6-yl group.

16. The pyrazole compound or a pharmaceutically acceptable salt thereof according to Claim 15, wherein R¹ represents a phenyl group, a 2-fluorophenyl group, a 3-fluorophenyl group, a 4-fluorophenyl group, a 3-chlorophenyl group, a 4-chlorophenyl group, a 3,4-difluorophenyl group, a 2,4-difluorophenyl group, a 3,4-dichlorophenyl group, a 3-chloro-4-fluorophenyl group, a 4-chloro-3-fluorophenyl group or a 3-trifluoromethylphenyl group,

R<sup>2</sup> represents a hydrogen atom, a methoxy group, an amino group, a methylamino group, an ethylamino group, an isopropylamino group, a 2,2,2-trifluoroethylamino group, an acetylamino group, a cyclopropylcarbonylamino group, a cyclopentylcarbonylamino group, a methoxycarbonylamino group, a methylsulfonylamino group, a 4-methoxybenzylamino group, a 1-phenethylamino group or a benzoylamino group,

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R<sup>3</sup> represents a hydrogen atom,
     R<sup>4</sup> represents a [1,2,4]triazolo[4,3-b]pyridazin-6-yl
group, a 3-methyl-[1,2,4]triazolo[4,3-b]pyridazin-6-yl
group, a 3-trifluoromethyl-[1,2,4]triazolo[4,3-b]pyridazin-
6-yl group, a 3-amino-[1,2,4]triazolo[4,3-b]pyridazin-6-yl
group or a 3-acetylamino-[1,2,4]triazolo[4,3-b]pyridazin-6-
yl group.
17. The pyrazole compound or a pharmaceutically acceptable
salt thereof according to Claim 16, wherein the pyrazole
compound is
4-(2-aminopyridin-4-yl)-3-phenyl-1-([1,2,4]triazolo[4,3-
b]pyridazin-6-yl)-1H-pyrazole,
3-(4-fluorophenyl)-4-(pyridin-4-yl)-1-([1,2,4]triazolo[4,3-
b]pyridazin-6-yl)-1H-pyrazole,
3-(4-fluorophenyl)-4-(2-methoxypyridin-4-yl)-1-([1,2,4]tri-
azolo[4,3-b]pyridazin-6-yl)-1H-pyrazole,
4-(2-aminopyridin-4-yl)-3-(4-fluorophenyl)-1-([1,2,4]tri-
azolo[4,3-b]pyridazin-6-yl)-1H-pyrazole,
3-(4-fluorophenyl)-4-(2-methylaminopyridin-4-yl)-1-
([1,2,4]triazolo[4,3-b]pyridazin-6-yl)-1H-pyrazole,
4-(2-\text{ethylaminopyridin}-4-y1)-3-(4-\text{fluorophenyl})-1-([1,2,4]-
triazolo[4,3-b]pyridazin-6-yl)-1H-pyrazole,
3-(4-fluorophenyl)-4-(2-isopropylaminopyridin-4-yl)-1-
([1,2,4]triazolo[4,3-b]pyridazin-6-yl)-1H-pyrazole,
3-(4-fluorophenyl)-1-([1,2,4]triazolo[4,3-b]pyridazin-6-
y1)-4-[2-(2,2,2-trifluoroethyl) aminopyridin-4-yl]-1H-
pyrazole,
4-(2-acetylaminopyridin-4-yl)-3-(4-fluorophenyl)-1-
([1,2,4]triazolo[4,3-b]pyridazin-6-yl)-1H-pyrazole,
3-(4-fluorophenyl)-4-(2-methoxycarbonylaminopyridin-4-yl)-
1-([1,2,4]triazolo[4,3-b]pyridazin-6-y1)-1H-pyrazole,
3-(4-fluorophenyl)-4-(2-methylsulfonylaminopyridin-4-yl)-1-
([1,2,4]triazolo[4,3-b]pyridazin-6-yl)-1H-pyrazole,
3-(4-fluorophenyl)-4-[2-(1-phenethylamino)pyridin-4-yl]-1-
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([1,2,4]triazolo[4,3-b]pyridazin-6-yl)-1H-pyrazole,

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4-(2-benzoylaminopyridin-4-yl)-3-(4-fluorophenyl)-1-
    ([1,2,4]triazolo[4,3-b]pyridazin-6-yl)-1H-pyrazole,
    4-(2-aminopyridin-4-y1)-3-(4-fluoropheny1)-1-(3-methy1-
    [1,2,4]triazolo[4,3-b]pyridazin-6-yl)-1H-pyrazole,
    4-(2-aminopyridin-4-yl)-3-(4-fluorophenyl)-1-(3-trifluoro-
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    methyl-[1,2,4]triazolo[4,3-b]pyridazin-6-yl)-1H-pyrazole,
    4-(2-aminopyridin-4-yl)-1-(3-amino-[1,2,4]triazolo[4,3-
    b]pyridazin-6-yl)-3-(4-fluorophenyl)-1H-pyrazole,
    1-(3-acetylamino-[1,2,4]triazolo[4,3-b]pyridazin-6-yl)-4-
    (2-aminopyridin-4-yl)-3-(4-fluorophenyl)-1H-pyrazole,
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    4-(2-aminopyrimidin-4-y1)-3-(4-fluoropheny1)-1-([1,2,4]-
    triazolo[4,3-b]pyridazin-6-yl)-1H-pyrazole,
    3-(3-fluorophenyl)-4-(pyridin-4-yl)-1-([1,2,4]triazolo[4,3-
    b]pyridazin-6-yl)-1H-pyrazole,
    4-(2-aminopyridin-4-yl)-3-(3-fluorophenyl)-1-([1,2,4]tri-
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    azolo[4,3-b]pyridazin-6-yl)-1H-pyrazole,
    4-(2-aminopyridin-4-yl)-3-(4-chlorophenyl)-1-([1,2,4]tri-
    azolo[4,3-b]pyridazin-6-yl)-1H-pyrazole,
    4-(2-aminopyridin-4-y1)-3-(3-chloropheny1)-1-([1,2,4]tri-
    azolo[4,3-b]pyridazin-6-yl)-1H-pyrazole,
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    3-(3,4-difluorophenyl)-4-(pyridin-4-yl)-1-([1,2,4]triazolo-
    [4,3-b]pyridazin-6-yl)-1H-pyrazole,
    4-(2-aminopyridin-4-y1)-3-(3,4-difluoropheny1)-1-([1,2,4]-
    triazolo[4,3-b]pyridazin-6-yl)-1H-pyrazole,
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    4-(2-aminopyridin-4-y1)-3-(3,4-dichloropheny1)-1-([1,2,4]-
    triazolo[4,3-b]pyridazin-6-yl)-1H-pyrazole,
    4-(2-aminopyridin-4-yl)-3-(3-chloro-4-fluorophenyl)-1-
    ([1,2,4]triazolo[4,3-b]pyridazin-6-yl)-1H-pyrazole,
    4-(2-aminopyridin-4-yl)-3-(4-chloro-3-fluorophenyl)-1-
    ([1,2,4]triazolo[4,3-b]pyridazin-6-yl)-1H-pyrazole,
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    4-(2-aminopyridin-4-yl)-1-([1,2,4]triazolo[4,3-b]pyridazin-
    6-yl)-3-(3-trifluoromethylphenyl)-1H-pyrazole,
    4-(2-aminopyridin-4-y1)-3-(2-fluorophenyl)-1-([1,2,4]tri-
    azolo[4,3-b]pyridazin-6-yl)-1H-pyrazole,
    4-(2-aminopyrimidin-4-yl)-3-(2-fluorophenyl)-1-([1,2,4]tri-
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    azolo[4,3-b]pyridazin-6-yl)-1H-pyrazole,
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4-(2-aminopyridin-4-yl)-3-(2,4-difluorophenyl)-1-([1,2,4]-triazolo[4,3-b]pyridazin-6-yl)-1H-pyrazole,

4-(2-cyclopropylcarbonylaminopyridin-4-yl)-3-(4-fluoro-phenyl)-1-([1,2,4]triazolo[4,3-b]pyridazin-6-yl)-1H-pyrazole,

4-(2-cyclopentylcarbonylaminopyridin-4-yl)-3-(4-fluoro-phenyl)-1-([1,2,4]triazolo[4,3-b]pyridazin-6-yl)-1H-pyrazole or

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3-(4-fluorophenyl)-4-[2-(4-methoxybenzyl)aminopyrimidin-4-yl]-1-([1,2,4]triazolo[4,3-b]pyridazin-6-yl)-1H-pyrazole.
18. The pyrazole compound or a pharmaceutically acceptable salt thereof according to Claim 1, wherein the compound is represented by the formula (I):

$$R^2$$
 $R^3$ 
 $N-R^4$ 
(I)

wherein R<sup>1</sup> represents a phenyl group which may be substituted by a group(s) selected from the group consisting of a halogen atom, a C<sub>1</sub>-C<sub>6</sub> alkyl group, a halogeno C<sub>1</sub>-C<sub>6</sub> alkyl group, a C<sub>1</sub>-C<sub>6</sub> alkoxy group, a halogeno C<sub>1</sub>-C<sub>6</sub> alkoxy group and a C<sub>1</sub>-C<sub>6</sub> alkylthio group,

R<sup>2</sup> represents a hydrogen atom, a halogen atom, a C<sub>1</sub>-C<sub>6</sub> alkyl group, a C<sub>1</sub>-C<sub>6</sub> alkylsulfinyl group, a C<sub>1</sub>-C<sub>6</sub> alkylsulfonyl group or a group: -NR<sup>5</sup>R<sup>6</sup>

wherein  $R^5$  and  $R^6$  may be the same or different from each other, and each represents a hydrogen atom, a  $C_1$ - $C_6$  alkyl group, a halogeno  $C_1$ - $C_6$  alkyl group, a  $C_3$ - $C_7$  cycloalkyl group, a  $C_1$ - $C_6$  alkyl-carbonyl group, a  $C_3$ - $C_7$  cycloalkyl-carbonyl group, a formyl group, a  $C_1$ - $C_6$  alkoxy-carbonyl group or a  $C_1$ - $C_6$  alkylsulfonyl group, or a  $C_7$ - $C_{12}$  aralkyl group or a benzoyl group each of which may be substituted by a group(s) selected from the group consisting of a halogen

atom, a  $C_1$ - $C_6$  alkyl group, a halogeno  $C_1$ - $C_6$  alkyl group, a  $C_1$ - $C_6$  alkoxy group and a halogeno  $C_1$ - $C_6$  alkoxy group,

Q represents CH or a nitrogen atom,  $R^3$  represents a hydrogen atom, a  $C_1$ - $C_6$  alkyl group or an amino group,  $R^4$  represents the formula (IV):

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wherein  $R^7$  represents a hydrogen atom or a  $C_1$ - $C_6$  alkyl group,  $R^8$  represents a hydrogen atom, a  $C_1$ - $C_6$  alkyl group or a group:  $-NR^{10}R^{11}$ 

wherein  $R^{10}$  and  $R^{11}$  may be the same or different from each other, and each represents a hydrogen atom, a  $C_1$ - $C_6$  alkyl group, a  $C_1$ - $C_6$  alkyl-carbonyl group, a formyl group, a  $C_1$ - $C_6$  alkoxy-carbonyl group or a  $C_1$ - $C_6$  alkylsulfonyl group,

 $R^9$  represents a hydrogen atom or a  $C_1$ - $C_6$  alkyl group.

19. The pyrazole compound or a pharmaceutically acceptable salt thereof according to Claim 18, wherein  $R^1$  represents a phenyl group which may be substituted by 1 to 3 group(s) selected from the group consisting of a halogen atom, a  $C_1$ - $C_4$  alkyl group, a halogeno  $C_1$ - $C_4$  alkyl group, a  $C_1$ - $C_4$  alkoxy group, a halogeno  $C_1$ - $C_4$  alkoxy group and a  $C_1$ - $C_4$  alkylthio group,

 $R^2$  represents a hydrogen atom, a halogen atom, a  $C_1$ - $C_4$  alkyl group, a  $C_1$ - $C_4$  alkoxy group, a  $C_1$ - $C_4$  alkylsulfinyl group, a  $C_1$ - $C_4$  alkylsulfonyl group or a group:  $-NR^5R^6$  (wherein  $R^5$  and  $R^6$  may be the same or different from each other, and each represents a hydrogen atom, a  $C_1$ - $C_4$  alkyl group, a halogeno  $C_1$ - $C_4$  alkyl group, a  $C_3$ - $C_6$  cycloalkyl group, a  $C_1$ - $C_4$  alkyl-carbonyl group, a  $C_3$ - $C_6$  cycloalkyl-carbonyl group, a formyl group, a  $C_1$ - $C_4$  alkoxy-

carbonyl group or a  $C_1$ - $C_4$  alkylsulfonyl group, or a  $C_7$ - $C_{12}$  aralkyl group or a benzoyl group each of which may be substituted by a group(s) selected from the group consisting of a halogen atom, a  $C_1$ - $C_4$  alkyl group, a halogeno  $C_1$ - $C_4$  alkyl group, a  $C_1$ - $C_4$  alkoxy group and a halogeno  $C_1$ - $C_4$  alkoxy group.),

 $\mbox{\ensuremath{R}^3}$  represents a hydrogen atom, a  $\mbox{\ensuremath{C_1-C_4}}$  alkyl group or an amino group,

R<sup>4</sup> represents the formula (IV)

wherein R<sup>7</sup> represents a hydrogen atom or a C<sub>1</sub>-C<sub>4</sub>

alkyl group, R<sup>8</sup> represents a hydrogen atom, a C<sub>1</sub>-C<sub>4</sub>

alkyl group, an amino group, a C<sub>1</sub>-C<sub>4</sub> alkylamino

group, a di(C<sub>1</sub>-C<sub>4</sub> alkyl)amino group, a C<sub>1</sub>-C<sub>4</sub> alkyl
carbonylamino group, a formylamino group, a C<sub>1</sub>-C<sub>4</sub>

alkoxy-carbonylamino group or a C<sub>1</sub>-C<sub>4</sub> alkylsulfonyl
amino group, R<sup>9</sup> represents a hydrogen atom or a C<sub>1</sub>-C<sub>4</sub>

alkyl group.

20. The pyrazole compound or a pharmaceutically acceptable salt thereof according to Claim 19, wherein  $R^1$  represents a phenyl group which may be substituted by 1 to 2 group(s) selected from the group consisting of a halogen atom, a  $C_1$ - $C_4$  alkyl group, a fluoro  $C_1$ - $C_4$  alkyl group, a  $C_1$ - $C_4$  alkoxy group, a fluoro  $C_1$ - $C_4$  alkoxy group, a fluoro  $C_1$ - $C_4$  alkoxy group, a group,

 $R^2$  represents a hydrogen atom, a halogen atom, a  $C_1$ - $C_4$  alkyl group, a  $C_1$ - $C_4$  alkoxy group, a  $C_1$ - $C_4$  alkylthio group, a  $C_1$ - $C_4$  alkylsulfinyl group, a  $C_1$ - $C_4$  alkylsulfonyl group, an amino group, a  $C_1$ - $C_4$  alkylamino group, a di( $C_1$ - $C_4$  alkyl)-amino group, a fluoro  $C_1$ - $C_4$  alkylamino group, a  $C_3$ - $C_6$  cyclo-alkylamino group, a  $C_1$ - $C_4$  alkyl-carbonylamino group, a  $C_3$ - $C_6$  cycloalkyl-carbonylamino group, a N-( $C_3$ - $C_6$  cycloalkyl-carbonyl)-N-( $C_1$ - $C_4$  alkyl)amino group, a formylamino group, a  $C_1$ - $C_4$  alkoxy-carbonylamino group, a  $C_1$ - $C_4$  alkylsulfonyl-amino group, or a benzylamino group, a 1-phenethylamino group or a benzylamino group the phenyl group portion

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thereof may be substituted by a group(s) selected from the group consisting of a halogen atom, a  $C_1$ - $C_4$  alkyl group, a fluoro  $C_1$ - $C_4$  alkyl group, a  $C_1$ - $C_4$  alkoxy group and a fluoro  $C_1$ - $C_4$  alkoxy group,

 ${\ensuremath{\mathsf{R}}}^3$  represents a hydrogen atom, a methyl group or an amino group,

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R<sup>4</sup> represents the formula (IV)
wherein R<sup>7</sup> represents a hydrogen atom, a methyl
group or an ethyl group, R<sup>8</sup> represents a hydrogen
atom, a methyl group, an ethyl group, an amino
group, a methylamino group, a dimethylamino group,
an ethylamino group, a diethylamino group, an isopropylamino group, an acetylamino group, a formylamino group, a methoxycarbonylamino group, an
ethoxycarbonylamino group, a methylsulfonylamino
group or an ethylsulfonylamino group, R<sup>9</sup> represents
a hydrogen atom, a methyl group or an ethyl group.

21. The pyrazole compound or a pharmaceutically acceptable salt thereof according to Claim 20, wherein R¹ represents a phenyl group which may be substituted by 1 to 2 group(s) selected from the group consisting of a fluorine atom, a chlorine atom, a bromine atom, a methyl group, an ethyl group, an isopropyl group, a difluoromethyl group, a trifluoromethyl group, a 2-fluoroethyl group, a 2,2,2-trifluoroethyl group, a methoxy group, an ethoxy group, an isopropoxy group, a fluoromethoxy group, a difluoromethoxy group, a trifluoromethoxy group and a methylthio group,

R<sup>2</sup> represents a hydrogen atom, a fluorine atom, a

30 chlorine atom, a methyl group, a methoxy group, a methylthio group, a methylsulfinyl group, a methylsulfonyl group,
an amino group, a methylamino group, a dimethylamino group,
an ethylamino group, a diethylamino group, a propylamino
group, an isopropylamino group, a trifluoromethylamino

35 group, a 2,2,2-trifluoroethylamino group, a cyclopropylamino group, a cyclohexylamino group, an acetylamino group,

a propionylamino group, a cyclopropylcarbonylamino group, a cyclopentylcarbonylamino group, a N-cyclopropylcarbonyl-N-methylamino group, a formylamino group, a methoxycarbonyl-amino group, an ethoxycarbonylamino group, a t-butoxy-carbonylamino group, a methylsulfonylamino group, an ethylsulfonylamino group, or a benzylamino group, a 1-phenethylamino group or a benzoylamino group the phenyl group portion thereof may be substituted by a group(s) selected from the group consisting of a fluorine atom, a methyl group, a trifluoromethyl group, a methoxy group and a difluoromethoxy group,

 ${\ensuremath{\mathsf{R}}}^3$  represents a hydrogen atom, a methyl group or an amino group,

R<sup>4</sup> represents the formula (IV)
wherein R<sup>7</sup> represents a hydrogen atom or a methyl
group, R<sup>8</sup> represents a hydrogen atom, a methyl
group, an amino group, a methylamino group, a
dimethylamino group, an acetylamino group, a formylamino group, a methoxycarbonylamino group or a
methylsulfonylamino group, R<sup>9</sup> represents a hydrogen
atom or a methyl group.

22. The pyrazole compound or a pharmaceutically acceptable salt thereof according to Claim 21, wherein R<sup>1</sup> represents a phenyl group which may be substituted by 1 or 2 group(s) selected from the group consisting of a fluorine atom, a chlorine atom, a methyl group, a difluoromethyl group, a trifluoromethyl group, a methoxy group, a fluoromethoxy group, a difluoromethoxy group,

R<sup>2</sup> represents a hydrogen atom, a fluorine atom, a methyl group, a methoxy group, a methylsulfinyl group, a methylsulfonyl group, an amino group, a methylamino group, a dimethylamino group, an ethylamino group, an isopropylamino group, a 2,2,2-trifluoroethylamino group, a cyclopropylamino group, an

acetylamino group, a cyclopropylcarbonylamino group, a cyclopentylcarbonylamino group, a N-cyclopropylcarbonyl-N-methylamino group, a methoxycarbonylamino group, a methyl-sulfonylamino group, a 4-methoxybenzylamino group, a 1-phenethylamino group or a benzoylamino group,

R<sup>3</sup> represents a hydrogen atom, a methyl group or an amino group,

R<sup>4</sup> represents a 1,4,5,6-tetrahydro-6-oxopyridazin-3-yl group, a 1,4,5,6-tetrahydro-4-methyl-6-oxopyridazin-3-yl group, a 1,4,5,6-tetrahydro-5-methyl-6-oxopyridazin-3-yl group, a 5-amino-1,4,5,6-tetrahydro-6-oxopyridazin-3-yl group, a 1,4,5,6-tetrahydro-5-methylamino-6-oxopyridazin-3-yl group, a 5-acetylamino-1,4,5,6-tetrahydro-6-oxopyrid-azin-3-yl group, a 1,4,5,6-tetrahydro-5-methoxycarbonyl-amino-6-oxopyridazin-3-yl group, a 1,4,5,6-tetrahydro-5-methylsulfonylamino-6-oxopyridazin-3-yl group, a 1,4,5,6-tetrahydro-1-methyl-6-oxopyridazin-3-yl group, a 1,4,5,6-tetrahydro-1,4-dimethyl-6-oxopyridazin-3-yl group, a 1,4,5,6-tetrahydro-1,5-dimethyl-6-oxopyridazin-3-yl group or a 5-amino-1,4,5,6-tetrahydro-1-methyl-6-oxopyridazin-3-yl group.

23. The pyrazole compound or a pharmaceutically acceptable salt thereof according to Claim 22, wherein R<sup>1</sup> represents a phenyl group, a 2-fluorophenyl group, a 3-fluorophenyl group, a 4-fluorophenyl group, a 3-chlorophenyl group, a 4-chlorophenyl group, a 3,4-difluorophenyl group, a 2,4-difluorophenyl group, a 3,4-dichlorophenyl group, a 3-chloro-4-fluorophenyl group, a 4-chloro-3-fluorophenyl group or a 3-trifluoromethylphenyl group,

R<sup>2</sup> represents a hydrogen atom, a methoxy group, an amino group, a methylamino group, an ethylamino group, an isopropylamino group, a 2,2,2-trifluoroethylamino group, an acetylamino group, a cyclopropylcarbonylamino group, a cyclopentylcarbonylamino group, a methoxycarbonylamino group, a methylsulfonylamino group, a 4-methoxybenzylamino

group, a 1-phenethylamino group or a benzoylamino group,  ${\bf R}^3$  represents a hydrogen atom, a methyl group or an amino group,

R<sup>4</sup> represents a 1,4,5,6-tetrahydro-6-oxopyridazin-3-yl group, a 1,4,5,6-tetrahydro-5-methyl-6-oxopyridazin-3-yl group, a 1,4,5,6-tetrahydro-5-methyl-6-oxopyridazin-3-yl group, a 5-amino-1,4,5,6-tetrahydro-6-oxopyridazin-3-yl group, a 1,4,5,6-tetrahydro-1-methyl-6-oxopyridazin-3-yl group or a 1,4,5,6-tetrahydro-1,5-dimethyl-6-oxopyridazin-3-yl group.

24. The pyrazole compound or a pharmaceutically acceptable salt thereof according to Claim 23, wherein R¹ represents a phenyl group, a 2-fluorophenyl group, a 3-fluorophenyl group, a 4-fluorophenyl group, a 3-chlorophenyl group, a 4-chlorophenyl group, a 3,4-difluorophenyl group, a 2,4-difluorophenyl group, a 3,4-dichlorophenyl group, a 3-chloro-4-fluorophenyl group, a 4-chloro-3-fluorophenyl group or a 3-trifluoromethylphenyl group,

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R<sup>2</sup> represents a hydrogen atom, a methoxy group, an amino group, a methylamino group, an ethylamino group, an isopropylamino group, a 2,2,2-trifluoroethylamino group, an acetylamino group, a cyclopropylcarbonylamino group, a cyclopentylcarbonylamino group, a methoxycarbonylamino group, a methylsulfonylamino group, a 4-methoxybenzylamino group, a 1-phenethylamino group or a benzoylamino group, R<sup>3</sup> represents a hydrogen atom,

R<sup>4</sup> represents a 1,4,5,6-tetrahydro-6-oxopyridazin-3-yl group, a 1,4,5,6-tetrahydro-4-methyl-6-oxopyridazin-3-yl group, a 1,4,5,6-tetrahydro-5-methyl-6-oxopyridazin-3-yl group or a 1,4,5,6-tetrahydro-1-methyl-6-oxopyridazin-3-yl group.

25. The pyrazole compound or a pharmaceutically acceptable salt thereof according to Claim 24, wherein the pyrazole compound is

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4-(2-aminopyridin-4-yl)-1-(1,4,5,6-tetrahydro-6-oxopyrida-
    zin-3-yl)-3-phenyl-1H-pyrazole,
    3-(4-fluorophenyl)-1-(1,4,5,6-tetrahydro-6-oxopyridazin-3-
    yl)-4-(pyridin-4-yl)-1H-pyrazole,
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    4-(2-aminopyridin-4-yl)-3-(4-fluorophenyl)-1-(1,4,5,6-
    tetrahydro-6-oxopyridazin-3-yl)-1H-pyrazole,
    3-(4-fluorophenyl)-1-(1,4,5,6-tetrahydro-6-oxopyridazin-3-
    y1)-4-[2-(2,2,2-trifluoroethyl)aminopyridin-4-yl]-1H-
    pyrazole,
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    4-(2-acetylaminopyridin-4-yl)-3-(4-fluorophenyl)-1-
    (1, 4, 5, 6-tetrahydro-6-oxopyridazin-3-yl) -1H-pyrazole,
    4-(2-aminopyridin-4-yl)-3-(4-fluorophenyl)-1-(1,4,5,6-
    tetrahydro-4-methyl-6-oxopyridazin-3-yl)-1H-pyrazole,
    4-(2-aminopyridin-4-yl)-3-(4-fluorophenyl)-1-(1,4,5,6-
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    tetrahydro-5-methyl-6-oxopyridazin-3-yl)-1H-pyrazole,
    4-(2-aminopyridin-4-yl)-3-(4-fluorophenyl)-1-(1,4,5,6-
    tetrahydro-1-methyl-6-oxopyridazin-3-yl)-1H-pyrazole,
    4-(2-aminopyrimidin-4-y1)-3-(4-fluoropheny1)-1-(1,4,5,6-
    tetrahydro-6-oxopyridazin-3-yl)-1H-pyrazole,
    4-(2-aminopyridin-4-yl)-3-(3-fluorophenyl)-1-(1,4,5,6-
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    tetrahydro-6-oxopyridazin-3-yl)-1H-pyrazole,
    4-(2-aminopyridin-4-yl)-3-(4-chlorophenyl)-1-(1,4,5,6-
    tetrahydro-6-oxopyridazin-3-yl)-1H-pyrazole,
    4-(2-aminopyridin-4-yl)-3-(3-chlorophenyl)-1-(1,4,5,6-
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    tetrahydro-6-oxopyridazin-3-yl)-1H-pyrazole,
    4-(2-aminopyridin-4-yl)-3-(3,4-difluorophenyl)-1-(1,4,5,6-
    tetrahydro-6-oxopyridazin-3-yl)-1H-pyrazole,
    4-(2-aminopyridin-4-y1)-3-(3,4-dichloropheny1)-1-(1,4,5,6-
    tetrahydro-6-oxopyridazin-3-yl)-1H-pyrazole,
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    4-(2-aminopyridin-4-yl)-3-(3-chloro-4-fluorophenyl)-1-
    (1,4,5,6-tetrahydro-6-oxopyridazin-3-yl)-1H-pyrazole,
    4-(2-aminopyridin-4-yl)-3-(4-chloro-3-fluorophenyl)-1-
    (1,4,5,6-tetrahydro-6-oxopyridazin-3-yl)-1H-pyrazole,
    4-(2-aminopyridin-4-yl)-1-(1,4,5,6-tetrahydro-6-oxopyrida-
    zin-3-yl)-3-(3-trifluoromethylphenyl)-1H-pyrazole,
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    4-(2-aminopyridin-4-yl)-3-(2-fluorophenyl)-1-(1,4,5,6-
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tetrahydro-6-oxopyridazin-3-yl)-1H-pyrazole,
3-(2-fluorophenyl)-1-(1,4,5,6-tetrahydro-6-oxopyridazin-3yl)-4-[2-(2,2,2-trifluoroethyl)aminopyridin-4-yl]-1Hpyrazole,

pyrazole, 5 4-(2-acetylaminopyridin-4-yl)-3-(2-fluorophenyl)-1-(1,4,5,6-tetrahydro-6-oxopyridazin-3-yl)-1H-pyrazole, 4-(2-aminopyrimidin-4-yl)-3-(2-fluorophenyl)-1-(1,4,5,6tetrahydro-6-oxopyridazin-3-yl)-1H-pyrazole, 4-(2-aminopyridin-4-yl)-3-(2,4-difluorophenyl)-1-(1,4,5,6tetrahydro-6-oxopyridazin-3-yl)-1H-pyrazole, 10 4-(2-cyclopropylcarbonylaminopyridin-4-yl)-(1,4,5,6-tetrahydro-6-oxopyridazin-3-yl)-3-phenyl-1-1H-pyrazole, 4-(2-cyclopropylcarbonylaminopyridin-4-yl)-3-(4-fluorophenyl)-1-(1,4,5,6-tetrahydro-6-oxopyridazin-3-yl)-1H-15 pyrazole or 4-(2-cyclopropylcarbonylaminopyridin-4-yl)-3-(2-fluorophenyl)-1-(1,4,5,6-tetrahydro-6-oxopyridazin-3-yl)-1Hpyrazole.

20 26. The pyrazole compound or a pharmaceutically acceptable salt thereof according to Claim 1, wherein the compound is represented by the formula (I):

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$$R^2$$
 $Q$ 
 $R^3$ 
 $N-R^4$ 
 $(I)$ 

wherein  $R^1$  represents a phenyl group which may be substituted by a group(s) selected from the group consisting of a halogen atom, a  $C_1$ - $C_6$  alkyl group, a halogeno  $C_1$ - $C_6$  alkyl group,  $C_1$ - $C_6$  alkoxy group, a halogeno  $C_1$ - $C_6$  alkoxy group and a  $C_1$ - $C_6$  alkylthio group,  $R^2$  represents a hydrogen atom, a halogen atom, a  $C_1$ - $C_6$  alkyl group, a  $C_1$ - $C_6$  alkylsulfinyl group, a  $C_1$ - $C_6$  alkylsulfonyl group or a group:  $-NR^5R^6$ 

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wherein  $R^5$  and  $R^6$  may be the same or different from each other, and each represents a hydrogen atom, a  $C_1$ - $C_6$  alkyl group, a halogeno  $C_1$ - $C_6$  alkyl group, a  $C_3$ - $C_7$  cycloalkyl group, a  $C_1$ - $C_6$  alkyl-carbonyl group, a  $C_3$ - $C_7$  cycloalkyl-carbonyl group, a formyl group, a  $C_1$ - $C_6$  alkoxy-carbonyl group or a  $C_1$ - $C_6$  alkylsulfonyl group, or a  $C_7$ - $C_{12}$  aralkyl group or a benzoyl group each of which may be substituted by a group(s) selected from the group consisting of a halogen atom, a  $C_1$ - $C_6$  alkyl group, a halogeno  $C_1$ - $C_6$  alkyl group, a  $C_1$ - $C_6$  alkoxy group and a halogeno  $C_1$ - $C_6$  alkoxy group,

Q represents CH or a nitrogen atom,  $R^3$  represents a hydrogen atom, a  $C_1\text{--}C_6$  alkyl group or an amino group,  $R^4$  represents the formula (V):

$$\begin{array}{c|c}
R^7 & R^8 \\
\hline
N-N & N
\end{array}$$

$$\begin{array}{c|c}
N & (V) \\
R^{12} & (V)
\end{array}$$

wherein  $R^7$  represents a hydrogen atom or a  $C_1-C_6$  alkyl group,  $R^8$  represents a hydrogen atom, a  $C_1-C_6$  alkyl group or a group:  $-NR^{10}R^{11}$ 

wherein  $R^{10}$  and  $R^{11}$  may be the same or different from each other, and each represents a hydrogen atom, a  $C_1$ - $C_6$  alkyl group, a  $C_1$ - $C_6$  alkyl-carbonyl group, a formyl group, a  $C_1$ - $C_6$  alkoxy-carbonyl group or a  $C_1$ - $C_6$  alkylsulfonyl group,

 $R^{12}$  represents a hydrogen atom, a  $C_1$ - $C_6$  alkyl group, a halogeno  $C_1$ - $C_6$  alkyl group or a group:  $-NR^{10}R^{11}$  wherein  $R^{10}$  and  $R^{11}$  may be the same or different from each other, and each represents a hydrogen atom, a  $C_1$ - $C_6$  alkyl group, a  $C_1$ - $C_6$  alkyl-carbonyl group, a formyl group, a  $C_1$ - $C_6$  alkoxy-carbonyl group or a  $C_1$ - $C_6$  alkylsulfonyl group.

27. The pyrazole compound or a pharmaceutically acceptable salt thereof according to Claim 26, wherein  $R^1$  represents a phenyl group which may be substituted by 1 to 3 group(s) selected from the group consisting of a halogen atom, a  $C_1$ - $C_4$  alkyl group, a halogeno  $C_1$ - $C_4$  alkyl group, a  $C_1$ - $C_4$  alkoxy group, a halogeno  $C_1$ - $C_4$  alkoxy group and a  $C_1$ - $C_4$  alkylthio group,

R<sup>2</sup> represents a hydrogen atom, a halogen atom, a C<sub>1</sub>-C<sub>4</sub> alkyl group, a  $C_1-C_4$  alkoxy group, a  $C_1-C_4$  alkylthio group, 10 a  $C_1-C_4$  alkylsulfinyl group, a  $C_1-C_4$  alkylsulfonyl group or a group:  $-NR^5R^6$  (wherein  $R^5$  and  $R^6$  may be the same or different from each other, and each represents a hydrogen atom, a  $C_1-C_4$  alkyl group, a halogeno  $C_1-C_4$  alkyl group, a 15  $C_3-C_6$  cycloalkyl group, a  $C_1-C_4$  alkyl-carbonyl group, a  $C_3-C_6$ cycloalkyl-carbonyl group, a formyl group, a C1-C4 alkoxycarbonyl group or a  $C_1$ - $C_4$  alkylsulfonyl group, or a  $C_7$ - $C_{12}$ aralkyl group or a benzoyl group each of which may be substituted by a group(s) selected from the group consist-20 ing of a halogen atom, a  $C_1-C_4$  alkyl group, a halogeno  $C_1-C_4$ alkyl group, a C<sub>1</sub>-C<sub>4</sub> alkoxy group and a halogeno C<sub>1</sub>-C<sub>4</sub> alkoxy group.),

 ${\mbox{R}}^3$  represents a hydrogen atom, a  ${\mbox{C}}_1-{\mbox{C}}_4$  alkyl group or an amino group,

25 R<sup>4</sup> represents the formula (V)
wherein R<sup>7</sup> represents a hydrogen atom or a C<sub>1</sub>-C<sub>4</sub>
alkyl group, R<sup>8</sup> represents a hydrogen atom, a C<sub>1</sub>-C<sub>4</sub>
alkyl group, an amino group, a C<sub>1</sub>-C<sub>4</sub> alkylamino
group, a di(C<sub>1</sub>-C<sub>4</sub> alkyl)amino group, a C<sub>1</sub>-C<sub>4</sub> alkylcarbonylamino group, a formylamino group, a C<sub>1</sub>-C<sub>4</sub>
alkoxy-carbonylamino group or a C<sub>1</sub>-C<sub>4</sub> alkylsulfonylamino group, R<sup>12</sup> represents a hydrogen atom, a C<sub>1</sub>-C<sub>4</sub>
alkyl group, a fluoro C<sub>1</sub>-C<sub>4</sub> alkyl group, an amino
group, a C<sub>1</sub>-C<sub>4</sub> alkylamino group, a di(C<sub>1</sub>-C<sub>4</sub> alkyl)amino group, a C<sub>1</sub>-C<sub>4</sub> alkyl-carbonylamino group, a
formylamino group, a C<sub>1</sub>-C<sub>4</sub> alkoxy-carbonylamino group

or a  $C_1-C_4$  alkylsulfonylamino group.

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28. The pyrazole compound or a pharmaceutically acceptable salt thereof according to Claim 27, wherein  $R^1$  represents a phenyl group which may be substituted by 1 to 2 group(s) selected from the group consisting of a halogen atom, a  $C_1$ - $C_4$  alkyl group, a fluoro  $C_1$ - $C_4$  alkyl group, a  $C_1$ - $C_4$  alkoxy group, a fluoro  $C_1$ - $C_4$  alkoxy group and a  $C_1$ - $C_4$  alkylthio group,

 $R^2$  represents a hydrogen atom, a halogen atom, a  $C_1$ -10  $C_4$  alkyl group, a  $C_1$ - $C_4$  alkoxy group, a  $C_1$ - $C_4$  alkylthio group, a  $C_1-C_4$  alkylsulfinyl group, a  $C_1-C_4$  alkylsulfonyl group, an amino group, a  $C_1-C_4$  alkylamino group, a di  $(C_1-C_4)$ alkyl) amino group, a fluoro  $C_1-C_4$  alkylamino group, a  $C_3-C_6$ 15 cycloalkylamino group, a C<sub>1</sub>-C<sub>4</sub> alkyl-carbonylamino group, a C<sub>3</sub>-C<sub>6</sub> cycloalkyl-carbonylamino group, a N-(C<sub>3</sub>-C<sub>6</sub> cycloalkylcarbonyl)  $-N-(C_1-C_4 \text{ alkyl})$  amino group, a formylamino group, a  $C_1-C_4$  alkoxy-carbonylamino group, a  $C_1-C_4$  alkylsulfonylamino group, or a benzylamino group, a 1-phenethylamino 20 group or a benzoylamino group the phenyl group portion thereof may be substituted by a group(s) selected from the group consisting of a halogen atom, a  $C_1-C_4$  alkyl group, a fluoro  $C_1-C_4$  alkyl group, a  $C_1-C_4$  alkoxy group and a fluoro  $C_1-C_4$  alkoxy group,

 $\ensuremath{\mbox{R}^3}$  represents a hydrogen atom, a methyl group or an amino group,

R<sup>4</sup> represents the formula (V) wherein R<sup>7</sup> represents a hydrogen atom, a methyl group or an ethyl group, R<sup>8</sup> represents a hydrogen atom, a methyl group, an ethyl group, an amino group, a methylamino group, a dimethylamino group, an ethylamino group, an isopropylamino group, an acetylamino group, a formylamino group, a methoxycarbonylamino group, an ethoxycarbonylamino group, a methylsulfonylamino group or an ethylsulfonylamino group, R<sup>12</sup> represents

a hydrogen atom, a methyl group, an ethyl group, a trifluoromethyl group, a 2,2,2-trifluoroethyl group, an amino group, a methylamino group, a dimethylamino group, an ethylamino group, a diethylamino group, an isopropylamino group, an acetylamino group, a formylamino group, a methoxycarbonylamino group, an ethoxycarbonylamino group, a methylsulfonylamino group or an ethylsulfonylamino group.

29. The pyrazole compound or a pharmaceutically acceptable salt thereof according to Claim 28, wherein R¹ represents a phenyl group which may be substituted by 1 to 2 group(s) selected from the group consisting of a fluorine atom, a chlorine atom, a bromine atom, a methyl group, an ethyl group, an isopropyl group, a difluoromethyl group, a trifluoromethyl group, a 2-fluoroethyl group, a 2,2,2-trifluoroethyl group, a methoxy group, an ethoxy group, an isopropoxy group, a fluoromethoxy group, a difluoromethoxy group, a trifluoromethoxy group and a methylthio group,

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R<sup>2</sup> represents a hydrogen atom, a fluorine atom, a chlorine atom, a methyl group, a methoxy group, a methylthio group, a methylsulfinyl group, a methylsulfonyl group, an amino group, a methylamino group, a dimethylamino group, an ethylamino group, a diethylamino group, a propylamino group, an isopropylamino group, a trifluoromethylamino group, a 2,2,2-trifluoroethylamino group, a cyclopropylamino group, a cyclohexylamino group, an acetylamino group, a propionylamino group, a cyclopropylcarbonylamino group, a cyclopentylcarbonylamino group, a N-cyclopropylcarbonyl-Nmethylamino group, a formylamino group, a methoxycarbonylamino group, an ethoxycarbonylamino group, a t-butoxycarbonylamino group, a methylsulfonylamino group, an ethylsulfonylamino group, or a benzylamino group, a 1phenethylamino group or a benzoylamino group the phenyl group portion thereof may be substituted by a group(s) selected from the group consisting of a fluorine atom, a

methyl group, a trifluoromethyl group, a methoxy group and a difluoromethoxy group,

 $\ensuremath{\mbox{R}^3}$  represents a hydrogen atom, a methyl group or an amino group,

R<sup>4</sup> represents the formula (V)

wherein R<sup>7</sup> represents a hydrogen atom or a methyl

group, R<sup>8</sup> represents a hydrogen atom, a methyl

group, an amino group, a methylamino group, a

dimethylamino group, an acetylamino group, a formyl
amino group, a methoxycarbonylamino group or a

methylsulfonylamino group, R<sup>12</sup> represents a hydrogen

atom, a methyl group, a trifluoromethyl group, an

amino group, a methylamino group, a dimethylamino

group, an acetylamino group, a formylamino group, a

methoxycarbonylamino group or a methylsulfonylamino

group.

30. The pyrazole compound or a pharmaceutically acceptable salt thereof according to Claim 29, wherein R<sup>1</sup> represents a phenyl group which may be substituted by 1 or 2 group(s) selected from the group consisting of a fluorine atom, a chlorine atom, a methyl group, a difluoromethyl group, a trifluoromethyl group, a methoxy group, a fluoromethoxy group, a difluoromethoxy group,

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R<sup>2</sup> represents a hydrogen atom, a fluorine atom, a methyl group, a methoxy group, a methylthio group, a methylsulfinyl group, a methylsulfonyl group, an amino group, a methylamino group, a dimethylamino group, an ethylamino group, an isopropylamino group, a 2,2,2-trifluoroethylamino group, a cyclopropylamino group, an acetylamino group, a cyclopropylcarbonylamino group, a cyclopentylcarbonylamino group, a N-cyclopropylcarbonyl-N-methylamino group, a methoxycarbonylamino group, a methylsulfonylamino group, a 4-methoxybenzylamino group, a 1-phenethylamino group or a benzoylamino group,

 ${\ensuremath{\mathsf{R}}}^3$  represents a hydrogen atom, a methyl group or an amino group,

 $R^4$  represents a 7,8-dihydro-[1,2,4]triazolo[4,3-b]pyridazin-6-yl group, a 7,8-dihydro-3-methyl-[1,2,4]triazolo[4,3-b]pyridazin-6-yl group, a 7,8-dihydro-3-tri-5 fluoromethyl-[1,2,4]triazolo[4,3-b]pyridazin-6-yl group, a 3-amino-7,8-dihydro-[1,2,4]triazolo[4,3-b]pyridazin-6-yl group, a 7,8-dihydro-3-methylamino-[1,2,4]triazolo[4,3-b]pyridazin-6-yl group, a 3-acetylamino-7,8-dihydro-[1,2,4]triazolo[4,3-b]pyridazin-6-yl group, a 7,8-dihydro-3-10 methoxycarbonylamino-[1,2,4]triazolo[4,3-b]pyridazin-6-yl group, a 7,8-dihydro-3-methylsulfonylamino-[1,2,4]triazolo[4,3-b]pyridazin-6-yl group, a 7,8-dihydro-7-methyl-[1,2,4]triazolo[4,3-b]pyridazin-6-yl group, a 7,8-dihydro-8-methyl-[1,2,4]triazolo[4,3-b]pyridazin-6-yl group or a 8-15 amino-7,8-dihydro-[1,2,4]triazolo[4,3-b]pyridazin-6-yl group.

31. The pyrazole compound or a pharmaceutically acceptable
20 salt thereof according to Claim 30, wherein R<sup>1</sup> represents a
phenyl group, a 2-fluorophenyl group, a 3-fluorophenyl
group, a 4-fluorophenyl group, a 3-chlorophenyl group, a 4chlorophenyl group, a 3,4-difluorophenyl group, a 2,4difluorophenyl group, a 3,4-dichlorophenyl group, a 325 chloro-4-fluorophenyl group, a 4-chloro-3-fluorophenyl
group or a 3-trifluoromethylphenyl group,

R<sup>2</sup> represents a hydrogen atom, a methoxy group, an amino group, a methylamino group, an ethylamino group, an isopropylamino group, a 2,2,2-trifluoroethylamino group, an acetylamino group, a cyclopropylcarbonylamino group, a cyclopentylcarbonylamino group, a methoxycarbonylamino group, a methylsulfonylamino group, a 4-methoxybenzylamino group, a 1-phenethylamino group or a benzoylamino group,

 $R^3$  represents a hydrogen atom, a methyl group or an 35 amino group, and

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R<sup>4</sup> represents a 7,8-dihydro-[1,2,4]triazolo[4,3-b]-

pyridazin-6-yl group, a 7,8-dihydro-3-methyl-[1,2,4]tri-azolo[4,3-b]pyridazin-6-yl group, a 7,8-dihydro-3-tri-fluoromethyl-[1,2,4]triazolo[4,3-b]pyridazin-6-yl group, a 3-amino-7,8-dihydro-[1,2,4]triazolo[4,3-b]pyridazin-6-yl group, a 7,8-dihydro-7-methyl-[1,2,4]triazolo[4,3-b]pyridazin-6-yl group or a 7,8-dihydro-8-methyl-[1,2,4]triazole-[4,3-b]pyridazin-6-yl group.

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32. The pyrazole compound or a pharmaceutically acceptable

10 salt thereof according to Claim 31, wherein R¹ represents a

phenyl group, a 2-fluorophenyl group, a 3-fluorophenyl

group, a 4-fluorophenyl group, a 3-chlorophenyl group, a 4
chlorophenyl group, a 3,4-difluorophenyl group, a 2,4
difluorophenyl group, a 3,4-dichlorophenyl group, a 3
15 chloro-4-fluorophenyl group, a 4-chloro-3-fluorophenyl

group or a 3-trifluoromethylphenyl group,

R<sup>2</sup> represents a hydrogen atom, a methoxy group, an amino group, a methylamino group, an ethylamino group, an isopropylamino group, a 2,2,2-trifluoroethylamino group, an acetylamino group, a cyclopropylcarbonylamino group, a cyclopentylcarbonylamino group, a methoxycarbonylamino group, a methylsulfonylamino group, a 4-methoxybenzylamino group, a 1-phenethylamino group or a benzoylamino group,

R<sup>3</sup> represents a hydrogen atom, and

25 R<sup>4</sup> represents a 7,8-dihydro-[1,2,4]triazolo[4,3-b]pyridazin-6-yl group or a 7,8-dihydro-3-methyl-[1,2,4]triazolo[4,3-b]pyridazin-6-yl group.

33. The pyrazole compound or a pharmaceutically acceptable salt thereof according to Claim 32, wherein the pyrazole compound is

4-(2-aminopyridin-4-yl)-1-(7,8-dihydro-[1,2,4]triazolo[4,3-b]pyridazin-6-yl)-3-phenyl-1H-pyrazole,

3-(4-fluorophenyl)-1-(7,8-dihydro-[1,2,4]triazolo[4,3-b]-

35 pyridazin-6-yl)-4-(pyridin-4-yl)-1H-pyrazole,

4-(2-aminopyridin-4-yl)-3-(4-fluorophenyl)-1-(7,8-dihydro-

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[1,2,4]triazolo[4,3-b]pyridazin-6-yl)-1H-pyrazole,
3-(4-fluorophenyl)-1-(7,8-dihydro-[1,2,4]triazolo[4,3-b]-
pyridazin-6-yl)-4-[2-(2,2,2-trifluoroethyl)aminopyridin-4-
yl]-1H-pyrazole,
4-(2-acetylaminopyridin-4-yl)-3-(4-fluorophenyl)-1-(7,8-
dihydro-[1,2,4]triazolo[4,3-b]pyridazin-6-yl)-1H-pyrazole,
4-(2-cyclopropylcarbonylaminopyridin-4-yl)-3-(4-fluoro-
phenyl)-1-(7,8-dihydro-[1,2,4]triazolo[4,3-b]pyridazin-6-
yl)-1H-pyrazole,
4-(2-aminopyrimidin-4-yl)-3-(4-fluorophenyl)-1-(7,8-
dihydro-[1,2,4]triazolo[4,3-b]pyridazin-6-yl)-1H-pyrazole,
4-(2-aminopyridin-4-yl)-3-(3-fluorophenyl)-1-(7,8-dihydro-
[1,2,4]triazolo[4,3-b]pyridazin-6-yl)-1H-pyrazole,
4-(2-aminopyridin-4-yl)-3-(2-fluorophenyl)-1-(7,8-dihydro-
[1,2,4]triazolo[4,3-b]pyridazin-6-yl)-1H-pyrazole,
3-(2-fluorophenyl)-1-(7,8-dihydro-[1,2,4]triazolo[4,3-
b]pyridazin-6-yl)-4-[2-(2,2,2-trifluoroethyl)aminopyridin-
4-yl]-1H-pyrazole,
4-(2-acetylaminopyridin-4-yl)-3-(2-fluorophenyl)-1-(7,8-
dihydro-[1,2,4]triazolo[4,3-b]pyridazin-6-yl)-1H-pyrazole,
4-(2-cyclopropylcarbonylaminopyridin-4-yl)-3-(2-fluoro-
phenyl)-1-(7,8-dihydro-[1,2,4]triazolo[4,3-b]pyridazin-6-
yl)-1H-pyrazole,
4-(2-aminopyridin-4-yl)-3-(4-chlorophenyl)-1-(7,8-dihydro-
[1,2,4]triazolo[4,3-b]pyridazin-6-yl)-1H-pyrazole,
4-(2-aminopyridin-4-y1)-3-(3-chloropheny1)-1-(7,8-dihydro-
[1,2,4]triazolo[4,3-b]pyridazin-6-yl)-1H-pyrazole,
4-(2-aminopyridin-4-yl)-3-(3,4-difluorophenyl)-1-(7,8-
dihydro-[1,2,4]triazolo[4,3-b]pyridazin-6-yl)-1H-pyrazole,
3-(3,4-difluorophenyl)-1-(7,8-dihydro-[1,2,4]triazolo[4,3-
b]pyridazin-6-yl)-4-[2-(2,2,2-trifluoroethyl)aminopyridin-
4-yl]-1H-pyrazole,
4-(2-acetylaminopyridin-4-yl)-3-(3,4-difluorophenyl)-1-
(7,8-dihydro-[1,2,4]triazolo[4,3-b]pyridazin-6-yl)-1H-
pyrazole,
4-(2-cyclopropylcarbonylaminopyridin-4-yl)-3-(3,4-difluoro-
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phenyl)-1-(7,8-dihydro-[1,2,4]triazolo[4,3-b]pyridazin-6-yl)-1H-pyrazole,

4-(2-aminopyridin-4-yl)-3-(3,4-dichlorophenyl)-1-(7,8-dihydro-[1,2,4]triazolo[4,3-b]pyridazin-6-yl)-1H-pyrazole or

4-(2-aminopyridin-4-yl)-1-(7,8-dihydro-[1,2,4]triazolo[4,3-b]pyridazin-6-yl)-3-(3-trifluoromethylphenyl)-1H-pyrazole.

- 34. A medical composition comprising the compound according to any one of Claims 1 to 33 or a salt thereof as an effective ingredient.
- 35. A p38MAP kinase inhibitor comprising the compound according to any one of Claims 1 to 33 or a salt thereof as an effective ingredient.
  - 36. A rheumatoid treating agent comprising the compound according to any one of Claims 1 to 33 or a salt thereof as an effective ingredient.

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